

**Saguaro National Park**  
**Centennial Saguaro Survey – Plot 33**  
**April 16, 2016**  
**REI**



Volunteers from REI collected data from plot 33, which was established in 1990. Each column in the graph below indicates how many saguaros were counted. The columns show a size range, from smallest to largest. The light blue columns represent the saguaros the REI volunteers monitored. Comparing the data from past surveys, there has been a slight increase in

the saguaro population on plot 33. We did however see a large decrease in the number of young saguaros ranging in size from 0.1-1m and we found no saguaros less than ten centimeters in height. This would suggest that saguaros are not germinating as frequently at this elevation, which can be attributed to the decrease of water in the ecosystem and increase of temperature in the area. Thank you REI for participating in a saguaro survey and we hope you learned more about the ever changing saguaro cactus forest!

## Saguaro Plot #33

